

**ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT
INTENTIONAL RADIATOR CERTIFICATION TO
FCC PART 15 SUBPART C REQUIREMENT**

OF

hair clipper wireless charger

Model No.: HCS-1, HCCM-1

FCC ID: 2AU7D-HCS-1

Report No.: E04A24110991F00101

Issue Date: December 24, 2024

Prepared for

PYS High-Tech Co., LTD

**1F to 12F, Block 9, Lianhua Industrial Zone Longhua Shenzhen,
Guangdong CHINA**

Prepared by

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523808**

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Guangdong Global Testing Technology Co., Ltd.**

VERIFICATION OF COMPLIANCE**Applicant Information**

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Shenzhen, Guangdong CHINA

Manufacturer Information

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Factory Information

Company Name: PYS High-Tech Co., LTD
Address: 1F to 12F, Block 9, Lianhua Industrial Zone Longhua
Shenzhen, Guangdong CHINA

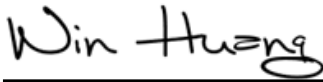
EUT Information

Product Description: hair clipper wireless charger
Model: HCS-1
Series Model: HCCM-1
Brand: 
Sample Received Date: November 27, 2024
Sample Status: Normal
Sample ID: A24110991 001
Date of Tested: November 27, 2024 to December 20, 2024

We hereby certify that:

The above equipment was tested by Guangdong Global Testing Technology Co., Ltd. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10-2013 and the energy emitted by the sample EUT tested as described in this report is in compliance with conducted and radiated emission limits of FCC Rules Part 15.209(2022).

Prepared By:



Win Huang

Project Engineer

Checked By:



Alan He

Laboratory Leader

Approved By:



Shawn Wen

Laboratory Manager



Modified Information

Version	Summary	Revision Date	Report No.
Ver.1.0	Original Report	/	E04A24110997F00101

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1 General Information

1.1 Product Description

Characteristics	Description
Product Name	hair clipper wireless charger
Model number	HCS-1
Operation Mode	Wireless Charging
Input Rating	12V/4A from Adapter
Power Supply	120V/60Hz
Operating Frequency	110-205KHz for 5W 360KHz for 15W
Wireless Charging Power	Phone Wireless Charging 15W Hair Clipper Wireless Charging 5W
Modulation Technique	ASK
Antenna Type	Coil Antenna
Software version	V0
Hardware version	V0

1.2 Related Submittal(s) / Grant(s)

This submittal(s) (test report) is intended for FCC ID: 2AU7D-HCS-1 filing to comply with the FCC Part 15, Subpart C Rules.

1.3 Test Methodology

Both conducted and radiated testing was performed according to the procedures in ANSI C63.10 (2013). Radiated testing was performed at an antenna to EUT distance 3 meters.

1.4 Special Accessories

Not available for this EUT intended for grant.

1.5 Equipment Modifications

Not available for this EUT intended for grant.

1.6 Test Facility

Accreditation Certificate	A2LA (Certificate No.: 6947.01) Guangdong Global Testing Technology Co., Ltd. has been assessed and proved to be in compliance with A2LA. FCC (FCC Designation No.: CN1343) Guangdong Global Testing Technology Co., Ltd. has been recognized to perform compliance testing on equipment subject to Supplier's Declaration of Conformity (SDoC) and Certification rules ISED (Company No.: 30714) Guangdong Global Testing Technology Co., Ltd. has been registered and fully described in a report filed with ISED. The Company Number is 30714 and the test lab Conformity Assessment Body Identifier (CABID) is CN0148.
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Note: All tests measurement facilities use to collect the measurement data are located at Room 101-105, 203-210, Building 1, No.2, Keji 8 Road, Songshan Lake Park, Dongguan city, Guangdong, People's Republic of China, 523808

2 System Test Configuration

2.1 EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

2.2 EUT Exercise

The Transmitter was operated in the normal operating mode. The TX frequency was fixed which was for the purpose of the measurements.

2.3 Test Procedure

2.3.1 Conducted Emissions

The EUT is placed on a turn table which is 0.8 m above ground plane. According to the requirements in Section 13.1.4.1 of ANSI C63.10-2013 Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode.

2.3.2 Radiated Emissions

The EUT is placed on a turn table which is 0.8 m above ground plane. The turn table shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the max. emission, the fixed in a particular direction according to the requirements in Section 13.1.4.1 of ANSI C63.10-2013.

2.4 Configuration of Tested System

Fig. 2-1 Configuration of Tested System

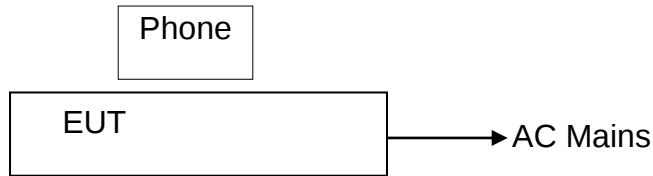


Table 2-1 Equipment Used in Tested System

Item	Equipment	Trade Mark	Model No.	FCC ID	Note
1.	hair clipper wireless charger		HCS-1	2AU7D-HCS-1	EUT
2.	phone	Apple	A2176	N/A	Support Equipment

Note:

- (1) Unless otherwise denoted as EUT in 『Remark』 column, device(s) used in tested system is a support equipment.

3 Summary of Test Results

FCC Rules	Description Of Test	Result
§15.207	AC Power Conducted Emission	Compliant
§15.209	Radiated Emission	Compliant
§2.1049	20dB Bandwidth	Compliant
§15.203	Antenna Requirement	Compliant

4 TEST SYSTEM UNCERTAINTY

The following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Parameter	Uncertainty
20dB Bandwidth	$\pm 9.2\text{ppm}$
Conducted Emissions Test	$\pm 2.0\text{dB}$
Radiated Emission Test	$\pm 2.0\text{dB}$
Temperature	$\pm 0.5^{\circ}\text{C}$
Humidity	$\pm 3\%$

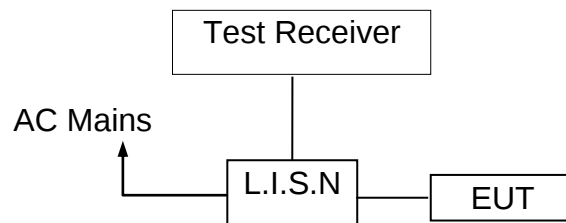
Remark: The coverage Factor ($k=2$), and measurement Uncertainty for a level of Confidence of 95%

5 Conducted Emissions Test

5.1 Measurement Procedure

1. The EUT was placed on a table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. Repeat above procedures until all frequency measured was complete.

5.2 Test SET-UP (Block Diagram of Configuration)



5.3 Measurement Equipment Used

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
Shielded Room	CHENG YU	8m*5m*4m	N/A	2022/10/29	2025/10/28
EMI Test Receiver	Rohde & Schwarz	ESR3	102647	2024/09/13	2025/09/12
LISN/AMN	Rohde & Schwarz	ENV216	102843	2024/09/13	2025/09/12
NNLK 8129 RC	Schwarzbeck	NNLK 8129 RC	5046	2024/09/13	2025/09/12
Test Software	Farad	EZ-EMC (Ver. EMC-con-3A1 1+)	N/A	N/A	N/A

5.4 Conducted Emission Limit

Conducted Emission

Frequency(MHz)

0.15-0.5

0.5-5.0

5.0-30.0

Quasi-peak

66-56

56

60

Average

56-46

46

50

Note: 1. The lower limit shall apply at the transition frequencies

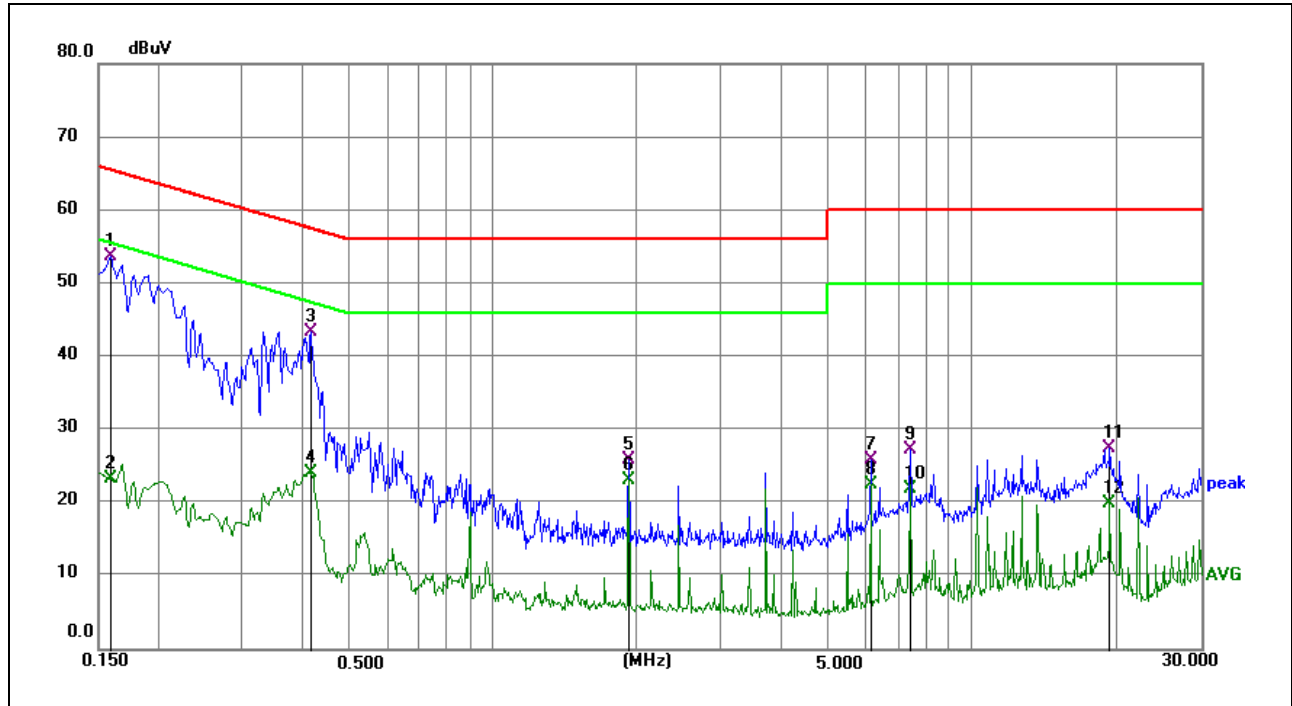
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

5.5 Measurement Result

Operation Mode:	TX	Test Date :	2024/11/30
Frequency Range:	0.15MHz~30MHz	Temperature :	23.5℃
Test Result:	PASS	Humidity :	54 %RH
Test By:	Fink		

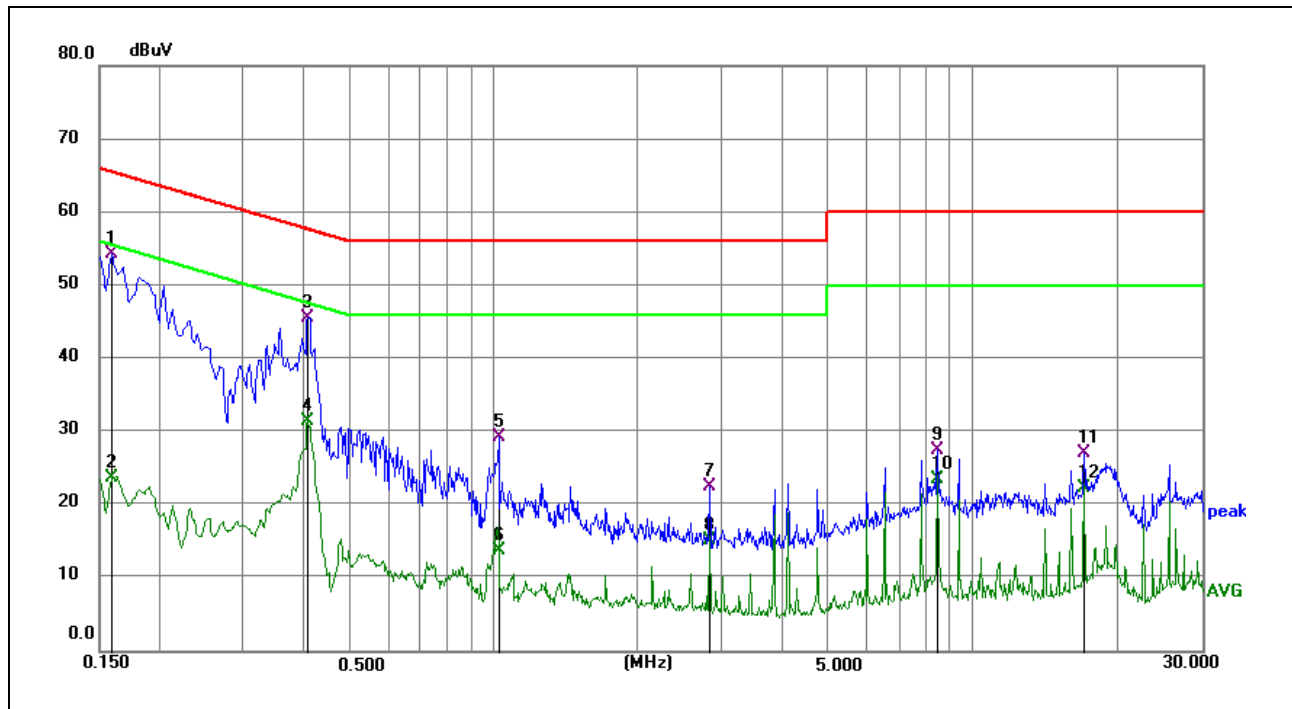
We pretested modes (Wireless Charging(15W), Wireless Charging(5W)) for EUT. The worst test data see follow the table.

Test mode: Wireless Charging 5W



Limit:	FCC Part 15 C Conduction	Phase: L
Mode:	Wireless Charging 5W	

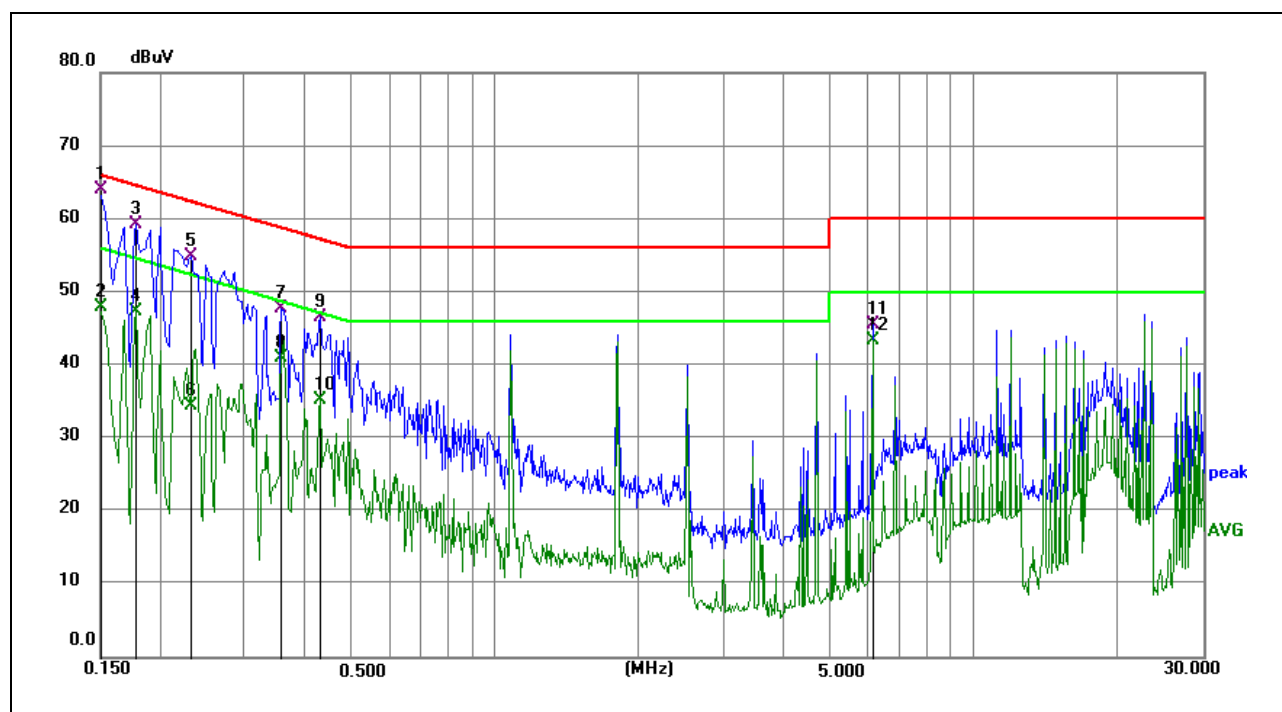
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1590	43.78	9.89	53.67	65.52	-11.85	QP
2	0.1590	13.40	9.89	23.29	55.52	-32.23	AVG
3	0.4155	33.53	9.75	43.28	57.54	-14.26	QP
4	0.4155	14.34	9.75	24.09	47.54	-23.45	AVG
5	1.9185	16.12	9.75	25.87	56.00	-30.13	QP
6	1.9185	13.29	9.75	23.04	46.00	-22.96	AVG
7	6.1440	15.95	9.94	25.89	60.00	-34.11	QP
8	6.1440	12.63	9.94	22.57	50.00	-27.43	AVG
9	7.4220	17.25	9.97	27.22	60.00	-32.78	QP
10	7.4220	11.99	9.97	21.96	50.00	-28.04	AVG
11	19.3290	17.33	10.08	27.41	60.00	-32.59	QP
12	19.3290	9.94	10.08	20.02	50.00	-29.98	AVG



Limit: FCC Part 15 C Conduction
Mode: Wireless Charging 5W

Phase: N

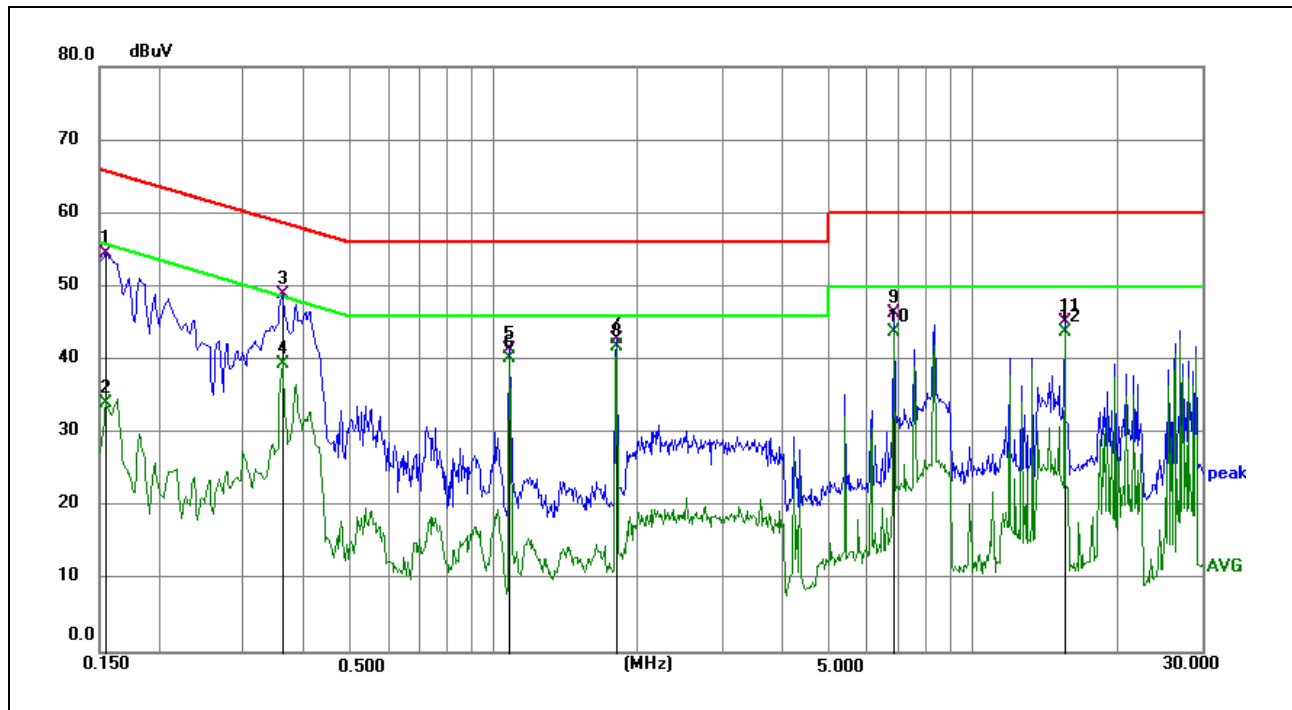
No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Over (dB)	Detector	Comment
1	0.1590	44.54	9.71	54.25	65.52	-11.27	QP	
2	0.1590	13.94	9.71	23.65	55.52	-31.87	AVG	
3	0.4063	35.83	9.79	45.62	57.72	-12.10	QP	
4	0.4063	21.59	9.79	31.38	47.72	-16.34	AVG	
5	1.0230	19.58	9.74	29.32	56.00	-26.68	QP	
6	1.0230	4.14	9.74	13.88	46.00	-32.12	AVG	
7	2.8184	12.54	9.91	22.45	56.00	-33.55	QP	
8	2.8184	5.37	9.91	15.28	46.00	-30.72	AVG	
9	8.4480	17.62	9.88	27.50	60.00	-32.50	QP	
10	8.4480	13.63	9.88	23.51	50.00	-26.49	AVG	
11	17.0250	16.94	10.11	27.05	60.00	-32.95	QP	
12	17.0250	12.26	10.11	22.37	50.00	-27.63	AVG	

Test mode: Wireless Charging 15W

Limit: FCC Part 15 C Conduction
Mode: Wireless Charging 15W

Phase: L

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1500	54.32	9.71	64.03	66.00	-1.97	QP
2	0.1500	38.24	9.71	47.95	56.00	-8.05	AVG
3	0.1770	49.52	9.71	59.23	64.63	-5.40	QP
4	0.1770	37.61	9.71	47.32	54.63	-7.31	AVG
5	0.2310	45.12	9.72	54.84	62.41	-7.57	QP
6	0.2310	24.71	9.72	34.43	52.41	-17.98	AVG
7	0.3570	38.01	9.77	47.78	58.80	-11.02	QP
8	0.3570	31.30	9.77	41.07	48.80	-7.73	AVG
9	0.4290	36.67	9.80	46.47	57.27	-10.80	QP
10	0.4290	25.53	9.80	35.33	47.27	-11.94	AVG
11	6.1215	35.68	9.87	45.55	60.00	-14.45	QP
12	6.1215	33.53	9.87	43.40	50.00	-6.60	AVG



Limit:	FCC Part 15 C Conduction	Phase: N
Mode:	Wireless Charging 15W	

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1545	44.68	9.90	54.58	65.75	-11.17	QP
2	0.1545	24.06	9.90	33.96	55.75	-21.79	AVG
3	0.3615	39.15	9.77	48.92	58.69	-9.77	QP
4	0.3615	29.63	9.77	39.40	48.69	-9.29	AVG
5	1.0815	31.65	9.83	41.48	56.00	-14.52	QP
6	1.0815	30.33	9.83	40.16	46.00	-5.84	AVG
7	1.8015	33.05	9.76	42.81	56.00	-13.19	QP
8	1.8015	32.07	9.76	41.83	46.00	-4.17	AVG
9	6.8415	36.31	9.96	46.27	60.00	-13.73	QP
10	6.8415	33.82	9.96	43.78	50.00	-6.22	AVG
11	15.4815	35.19	9.96	45.15	60.00	-14.85	QP
12	15.4815	33.81	9.96	43.77	50.00	-6.23	AVG

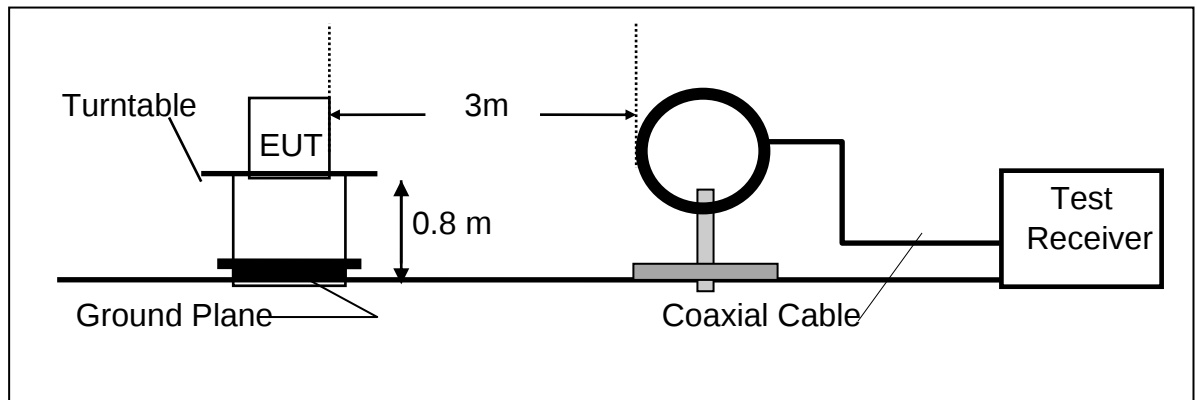
6 Radiated Emission Test

6.1 Measurement Procedure

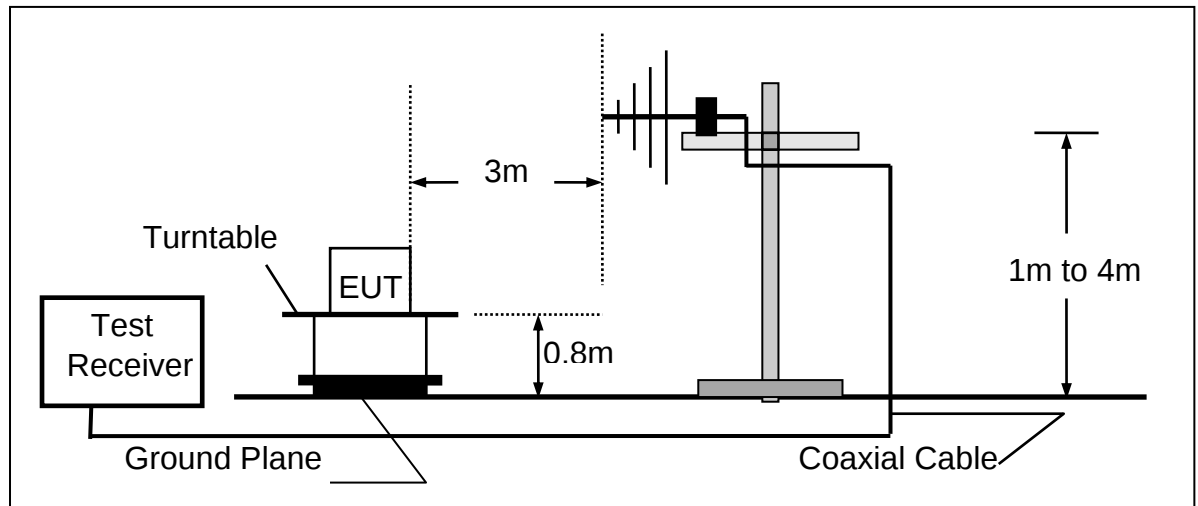
1. The EUT was placed on a turn table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
4. Repeat above procedures until all frequency measured were complete.

6.2 Test SET-UP (Block Diagram of Configuration)

(A) Radiated Emission Test Set-Up, Frequency Below 30MHz



(B) Radiated Emission Test Set-Up, Frequency Below 1000MHz



6.3 Measurement Equipment Used

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
3m Semi-anechoic Chamber	ETS	9m*6m*6m	Q2146	2022/08/30	2025/08/29
EMI Test Receiver	Rohde & Schwarz	ESCI3	101409	2024/09/13	2025/09/12
Spectrum Analyzer	KEYSIGHT	N9020A	MY51283932	2024/09/13	2025/09/12
Pre-Amplifier	HzEMC	HPA-9K0130	HYP A21001	2024/09/13	2025/09/12
Biconilog Antenna	Schwarzbeck	VULB 9168	01315	2022/10/10	2025/10/09
Biconilog Antenna	ETS	3142E	00243646	2022/03/23	2025/03/22
Loop Antenna	ETS	6502	243668	2022/03/30	2025/03/29
Test Software	Farad	EZ-EMC (Ver.FA-03A2 RE)	N/A	N/A	N/A

6.4 Radiated Emission Limit

The emissions from an intentional radiator shall not exceed the field strength levels specified in the following table 15.209(a):

FCC Part 15.209				
Frequency (MHz)	Field Strength Limitation		Field Strength Limitation Frequency tion at 3m Measurement Dist	
	(uV/m)	Dist	(uV/m)	(dBuV/m)
0.009 – 0.490	$2400 / F(\text{KHz})$	300m	$10000 * 2400/F(\text{KHz})$	$20\log 2400/F(\text{KHz}) + 80$
0.490 – 1.705	$24000 / F(\text{KHz})$	30m	$100 * 24000/F(\text{KHz})$	$20\log 24000/F(\text{KHz}) + 40$
1.705 – 30.00	30	30m	$100 * 30$	$20\log 30 + 40$
30.0 – 88.0	100	3m	100	$20\log 100$
88.0 – 216.0	150	3m	150	$20\log 150$
216.0 – 960.0	200	3m	200	$20\log 200$
Above 960.0	500	3m	500	$20\log 500$

15.205 Restricted bands of operation

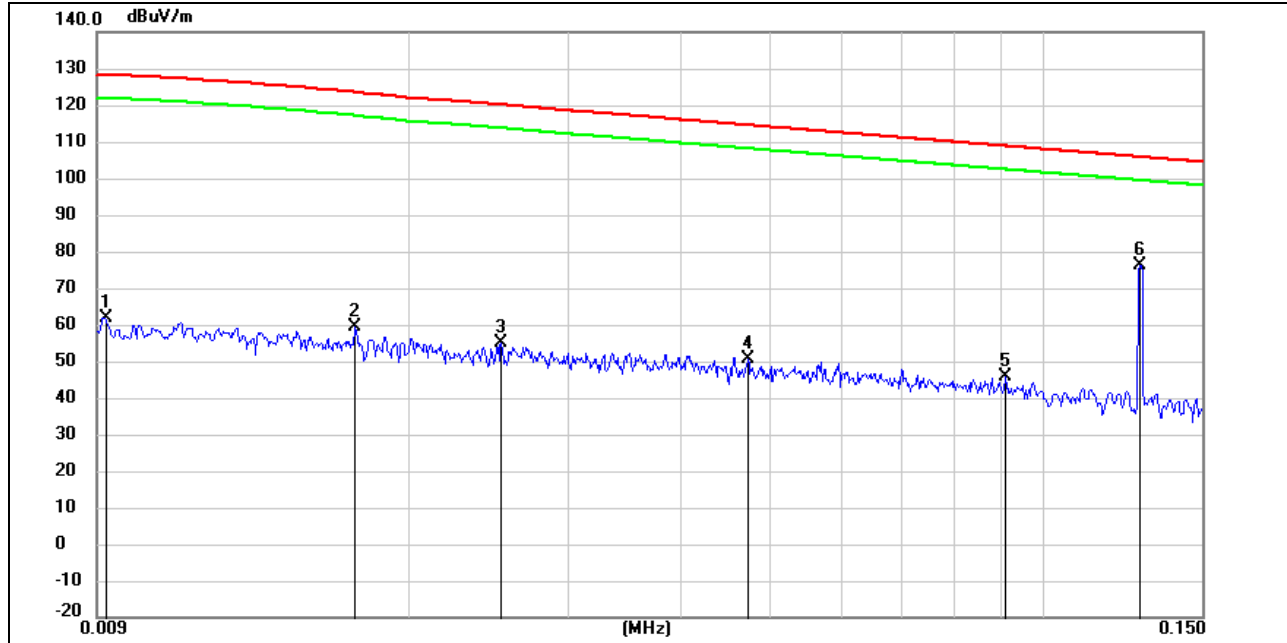
MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(²)

- Remark:
1. Emission level in dBuV/m=20 log (uV/m)
 2. Measurement was performed at an antenna to the closed point of EUT distance of meters.
 3. Only spurious frequency is permitted to locate within the Restricted Bands specified in provision of ξ 15.205, and the emissions located in restricted bands also comply with 15.209 limit.

6.5 Measurement Result

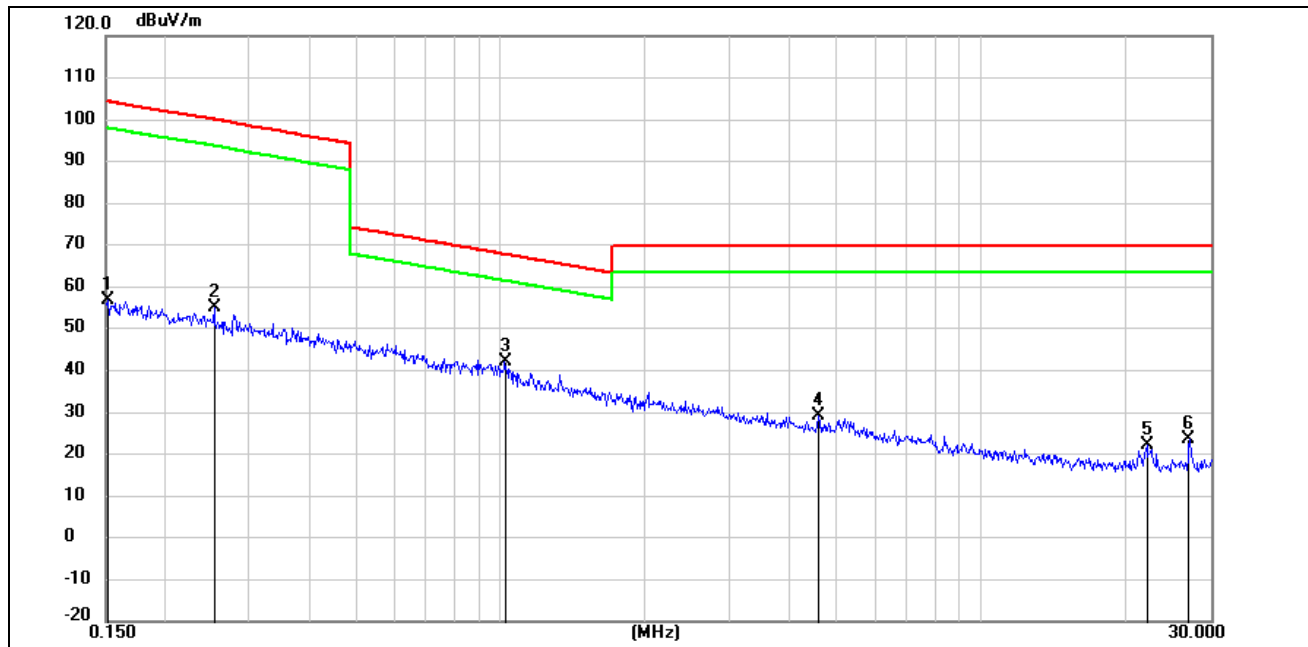
Operation Mode: TX Test Date : 2024/11/30
 Frequency Range: 9KHz~30MHz Temperature : 22.5℃
 Test Result: PASS Humidity : 54 %RH
 Test By: Fink

We pretested modes (Wireless Charging(15W), Wireless Charging(5W)) for EUT. The worst mode (Wireless Charging (15W) and Wireless Charging (5W) test data see follow the table.



Limit:	FCC Part 15C 3m Radiation	Antenna:	coaxial
Mode:	Wireless Charging 5W	Power Rating:	AC 120V/60Hz
Test Engineer:	Fink		

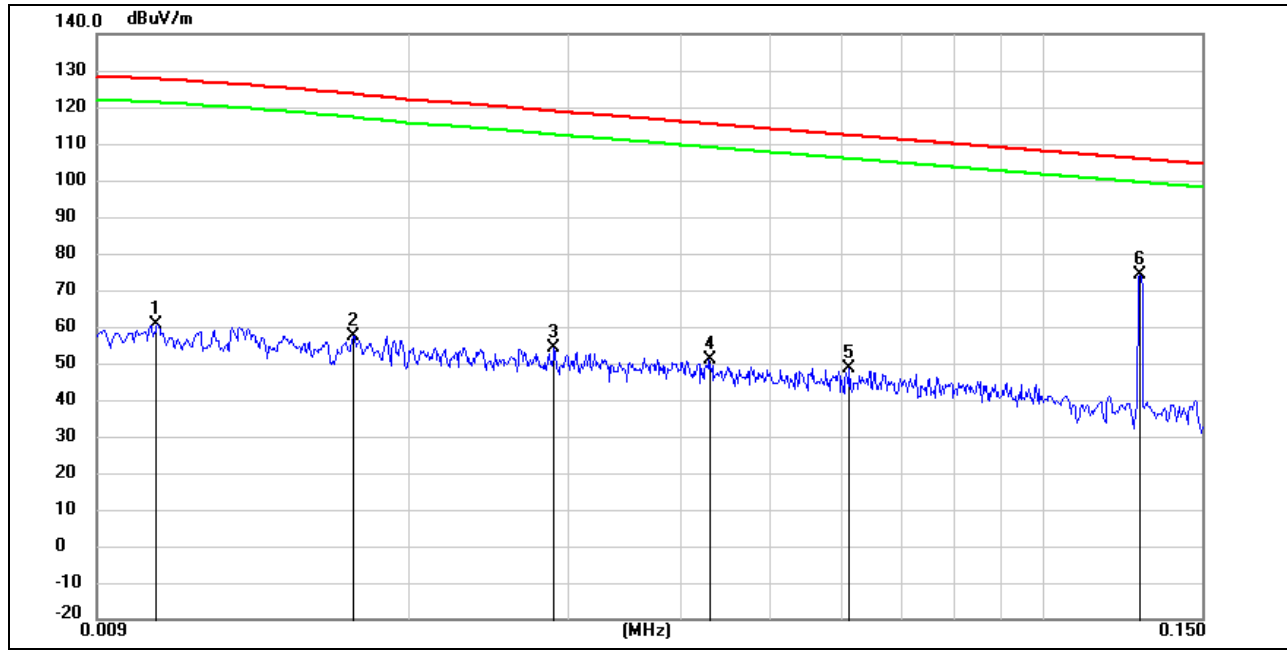
No.	Frequency (MHz)	Reading Level(dBuV)	Correct Factor(dB/m)	Measurement(dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Comment
1	0.0092	42.97	18.84	61.81	127.75	-65.94	peak	
2	0.0174	43.99	15.30	59.29	123.15	-63.86	peak	
3	0.0252	41.32	13.69	55.01	119.75	-64.74	peak	
4	0.0472	38.74	11.72	50.46	114.16	-63.70	peak	
5	0.0910	35.00	10.85	45.85	108.43	-62.58	peak	
6	0.1281	65.59	10.72	76.31	105.46	-29.15	peak	



Limit: FCC Part 15C 3m Radiation
Mode: Wireless Charging 5W
Test Engineer: Fink

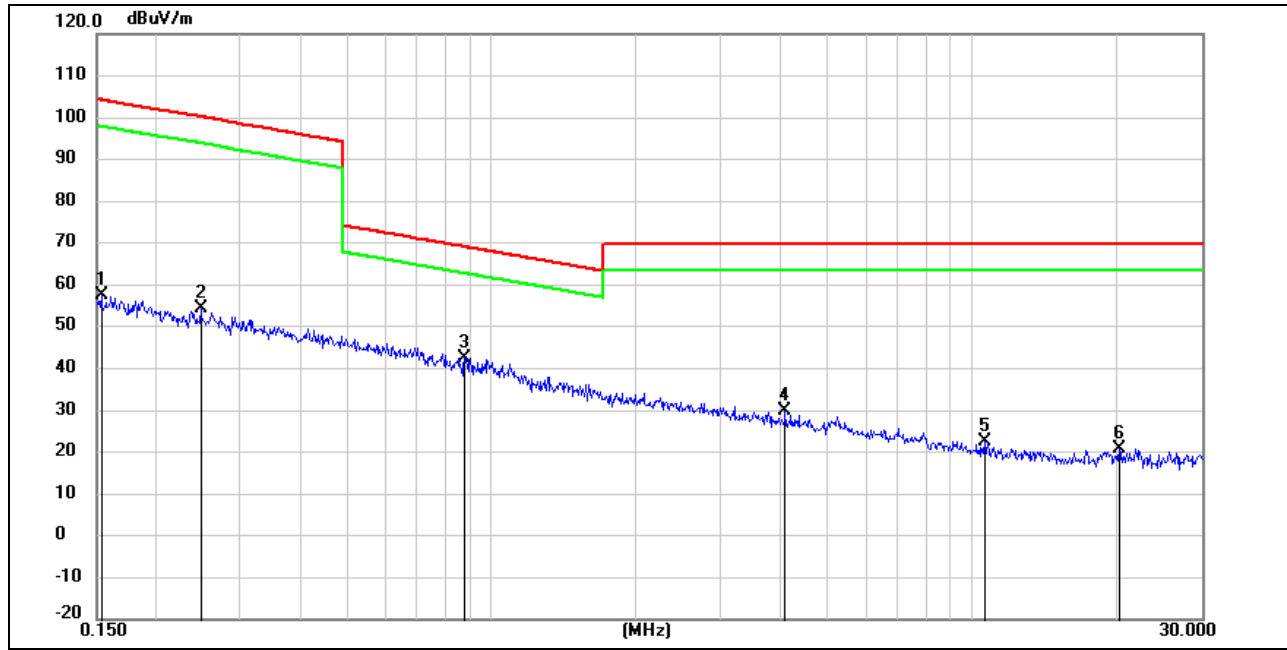
Antenna: coaxial
Power Rating: AC 120V/60Hz

No.	Frequency (MHz)	Reading Level(dBuV)	Correct Factor(dB/m)	Measurement(dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Comment
1	0.1516	46.03	10.68	56.71	103.99	-47.28	peak	
2	0.2521	44.54	10.59	55.13	99.75	-44.62	peak	
3	1.0211	31.58	10.55	42.13	67.43	-25.30	peak	
4	4.5980	18.42	10.84	29.26	69.54	-40.28	peak	
5	22.0628	12.34	9.78	22.12	69.54	-47.42	peak	
6	27.1270	14.74	8.90	23.64	69.54	-45.90	peak	



Limit:	FCC Part 15C 3m Radiation	Antenna:	coplanar
Mode:	Wireless Charging 5W	Power Rating:	AC 120V/60Hz
Test Engineer:	Fink		

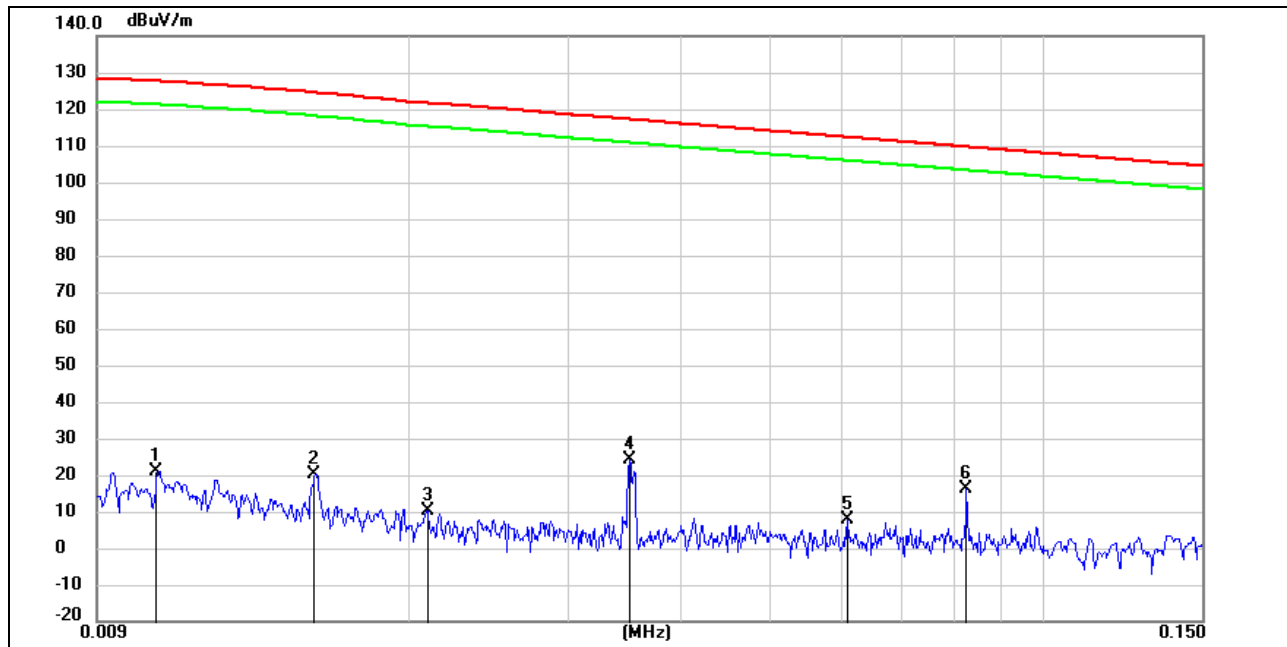
No .	Frequenc y (MHz)	Reading Level(dBuV)	Correct Factor(dB/m)	Measure- ment(dBuV/m)	Limit (dBuV/m)	Margi n (dB)	Detecto r	Commen t
1	0.0105	42.20	18.34	60.54	127.30	-66.76	peak	
2	0.0173	42.13	15.35	57.48	123.21	-65.73	peak	
3	0.0288	40.67	13.37	54.04	118.48	-64.44	peak	
4	0.0430	38.75	12.10	50.85	114.98	-64.13	peak	
5	0.0611	37.19	11.25	48.44	111.89	-63.45	peak	
6 *	0.1281	63.29	10.72	74.01	105.46	-31.45	peak	



Limit: FCC Part 15C 3m Radiation
Mode: Wireless Charging 5W
Test Engineer: Fink

Antenna: coplanar
Power Rating: AC 120V/60Hz

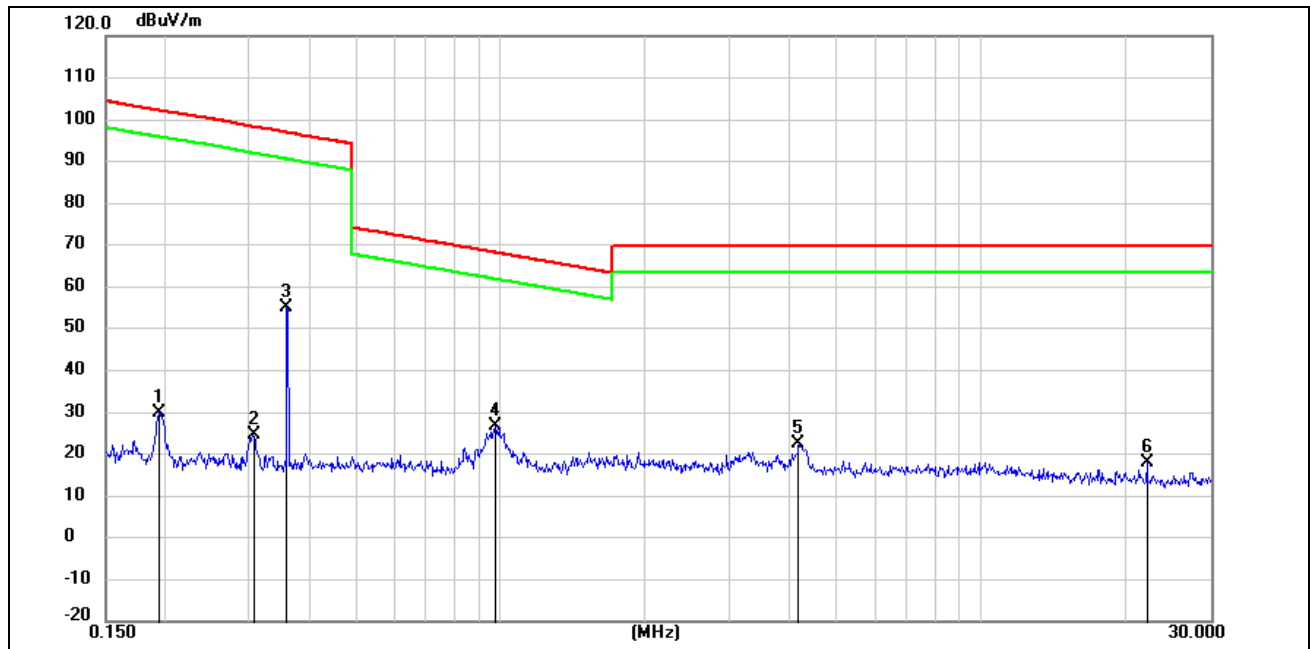
No .	Frequenc y (MHz)	Reading Level(dBuV)	Correct Factor(dB/m)	Measure- ment(dBuV/m)	Limit (dBuV/m)	Margi n (dB)	Detecto r	Commen t
1	0.1532	46.81	10.68	57.49	103.90	-46.41	peak	
2	0.2468	43.94	10.59	54.53	99.93	-45.40	peak	
3 *	0.8757	32.10	10.54	42.64	68.77	-26.13	peak	
4	4.0920	18.99	10.80	29.79	69.54	-39.75	peak	
5	10.6198	11.60	10.89	22.49	69.54	-47.05	peak	
6	20.2696	10.83	10.06	20.89	69.54	-48.65	peak	



Limit: FCC Part 15C 3m Radiation
Mode: Wireless Charging 15W
Test Engineer: Fink

Antenna: coaxial
Power Rating: AC 120V/60Hz

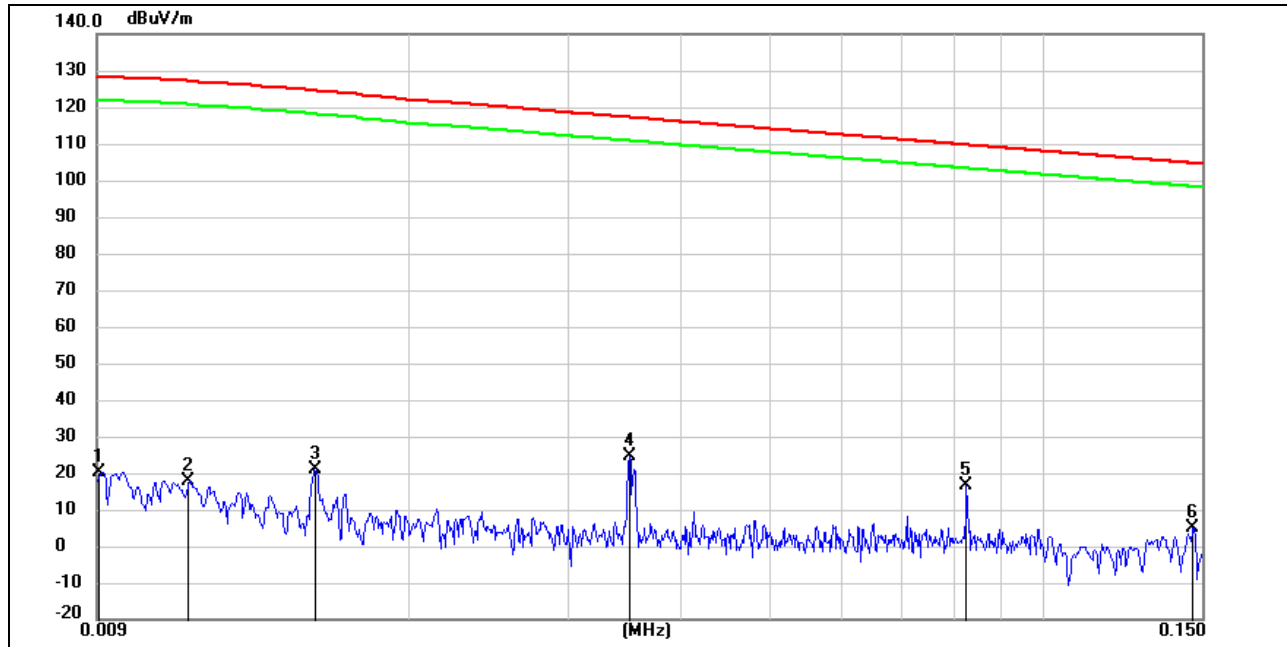
No.	Frequency (MHz)	Reading Level(dBuV)	Correct Factor(dB/m)	Measurement(dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Comment
1	0.0105	2.77	18.34	21.11	127.30	-106.19	peak	
2	0.0157	4.00	16.05	20.05	124.17	-104.12	peak	
3	0.0210	-3.77	14.07	10.30	121.23	-110.93	peak	
4	0.0350	11.22	12.82	24.04	116.81	-92.77	peak	
5	0.0610	-3.30	11.25	7.95	111.91	-103.96	peak	
6	0.0824	5.37	10.92	16.29	109.30	-93.01	peak	



Limit: FCC Part 15C 3m Radiation
Mode: Wireless Charging 15W
Test Engineer: Fink

Antenna: coaxial
Power Rating: AC 120V/60Hz

No.	Frequency (MHz)	Reading Level(dBuV)	Correct Factor(dB/m)	Measurement(dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Comment
1	0.1934	19.07	10.65	29.72	101.88	-72.16	peak	
2	0.3051	13.98	10.58	24.56	97.93	-73.37	peak	
3	0.3596	44.47	10.56	55.03	96.57	-41.54	peak	
4	0.9735	16.22	10.55	26.77	67.84	-41.07	peak	
5	4.1574	11.83	10.80	22.63	69.54	-46.91	peak	
6	22.0628	8.24	9.78	18.02	69.54	-51.52	peak	



Limit:	FCC Part 15C 3m Radiation	Antenna:	coplanar
Mode:	Wireless Charging 15W	Power Rating:	AC 120V/60Hz
Test Engineer:	Fink		

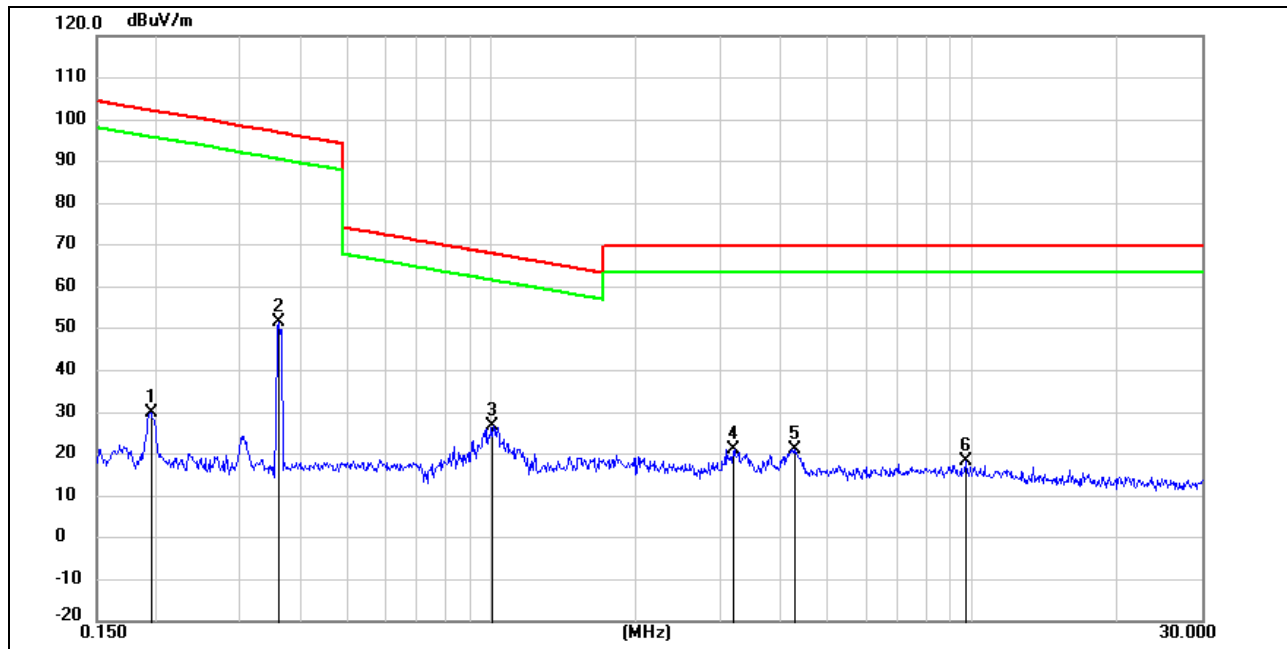
No .	Frequenc y (MHz)	Reading Level(dBuV)	Correct Factor(dB/m)	Measure- ment(dBuV/m)	Limit (dBuV/m)	Margi n (dB)	Detecto r	Commen t
1	0.0091	1.52	18.88	20.40	127.77	-107.37	peak	
2	0.0114	-0.16	17.94	17.78	126.76	-108.98	peak	
3	0.0157	4.79	16.05	20.84	124.17	-103.33	peak	
4	0.0350	11.70	12.82	24.52	116.81	-92.29	peak	
5	0.0824	5.53	10.92	16.45	109.30	-92.85	peak	
6	0.1471	-5.57	10.69	5.12	104.25	-99.13	peak	

Note: (1) All Readings are Peak Value.

(2) Emission Level= Reading Level+Probe Factor +Cable Loss.

(3) The average measurement was not performed when the peak measured data under the limit of average detection.

(4) EUT lying on the table position is the worst case result in the report.



Limit: FCC Part 15C 3m Radiation
 Mode: Wireless Charging 15W
 Test Engineer: Fink

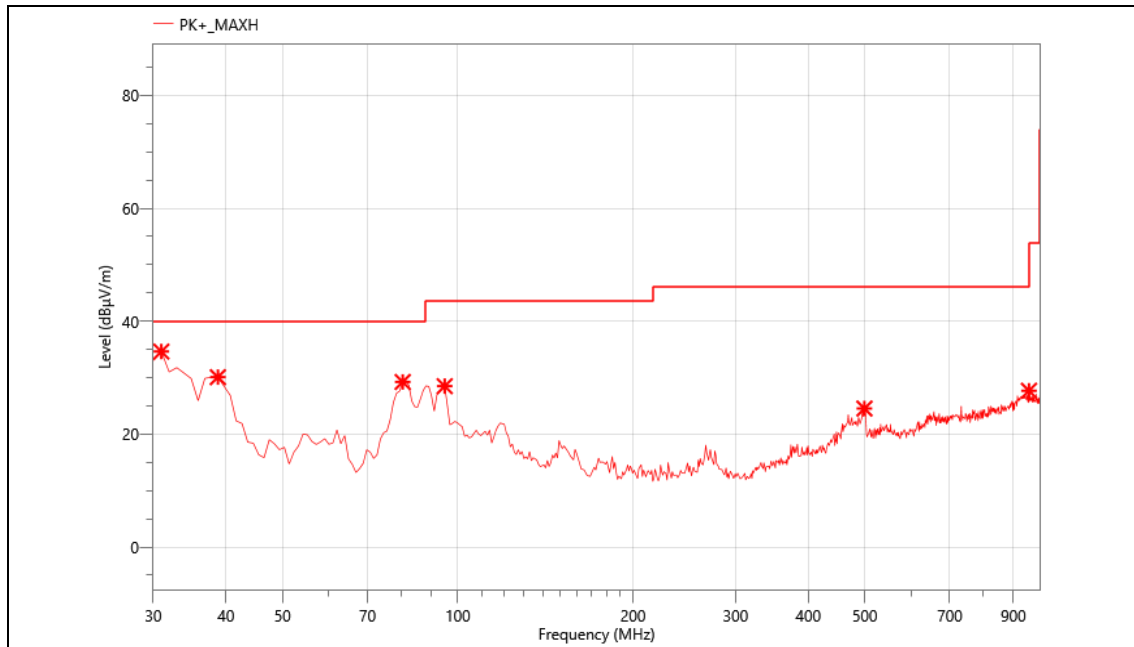
Antenna: coplanar
 Power Rating: AC 120V/60Hz

No .	Frequenc y (MHz)	Reading Level(dBuV)	Correct Factor(dB/m)	Measure- ment(dBuV/m)	Limit (dBuV/m)	Margi n (dB)	Detecto r	Commen t
1	0.1955	19.19	10.64	29.83	101.78	-71.95	peak	
2	0.3615	40.86	10.56	51.42	96.52	-45.10	peak	
3	1.0050	16.19	10.55	26.74	67.56	-40.82	peak	
4	3.1900	10.38	10.73	21.11	69.54	-48.43	peak	
5	4.2692	10.30	10.81	21.11	69.54	-48.43	peak	
6	9.6540	7.34	10.93	18.27	69.54	-51.27	peak	

Note: (1) All Readings are Peak Value.
 (2) Emission Level= Reading Level+Probe Factor +Cable Loss.
 (3) The average measurement was not performed when the peak measured data under the limit of average detection.
 (4) EUT lying on the table position is the worst case result in the report.

We pretested modes (Wireless Charging(15W), Wireless Charging(5W)) for EUT. The worst test data (Wireless Charging(15W) and Wireless Charging (5W)) see follow the table.

Mode:	Wireless Charging(5W)
Power:	AC 120V/60Hz
TE:	Berny
Date	2024/11/30
T/A/P	22.9°C/51%/101Kpa

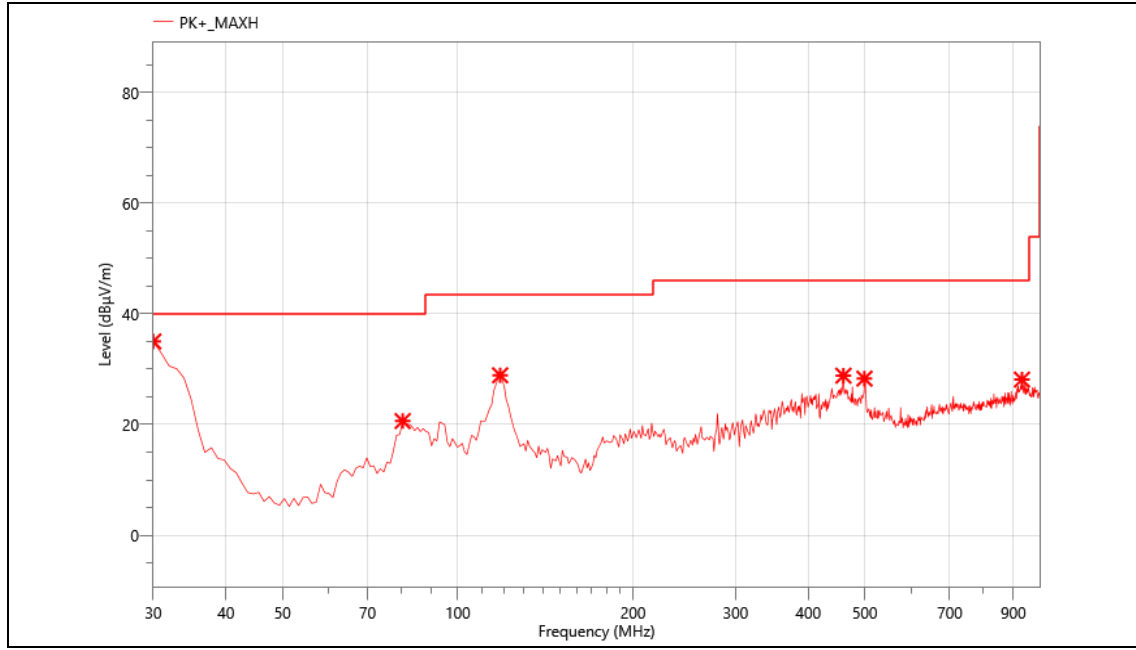


Critical_Freqs

No.	Freq. (MHz)	Reading (dBμV)	Corr. (dB)	Meas. (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Det.	Pol.
1	30.970	49.43	-14.8	34.63	40.00	5.37	PK+	V
2	38.730	49.40	-19.31	30.09	40.00	9.91	PK+	V
3	80.440	54.67	-25.42	29.25	40.00	10.75	PK+	V
4	94.990	53.13	-24.63	28.50	43.50	15.00	PK+	V
5	499.480	36.69	-12.15	24.54	46.00	21.46	PK+	V
6	957.320	31.45	-3.76	27.69	46.00	18.31	PK+	V

Note: [Margin=Limit-Meas.]; [Meas.=Reading+Corr.]

Mode:	Wireless Charging(5W)
Power:	AC 120V/60Hz
TE:	Berny
Date	2024/11/30
T/A/P	22.9°C/51%/101Kpa

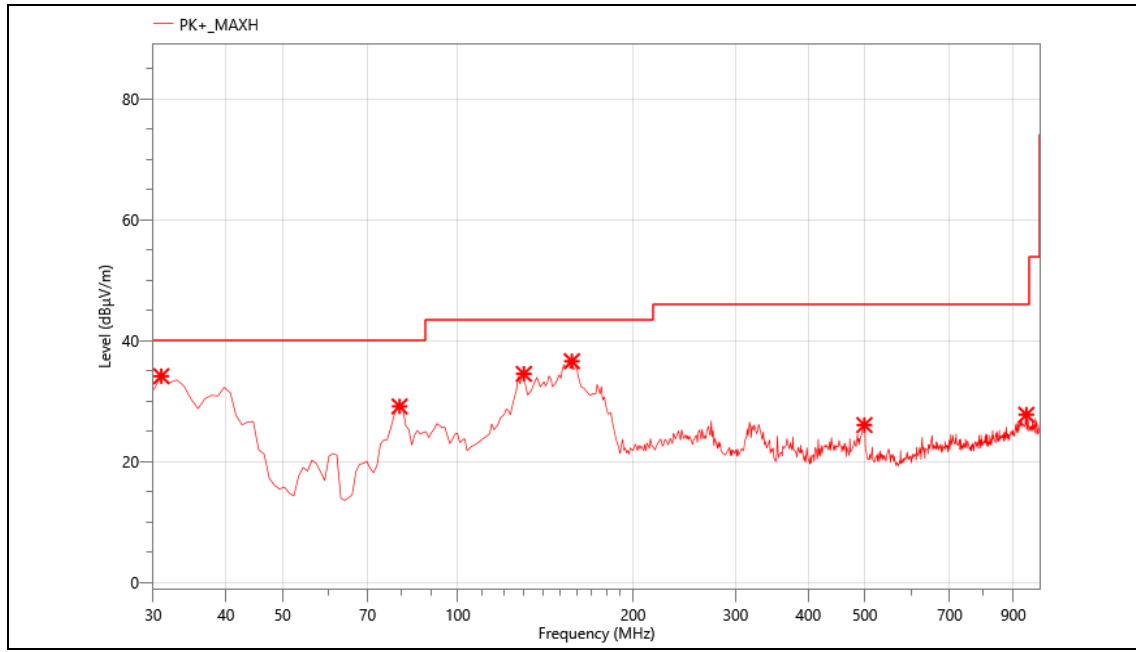


Critical_Freqs

No.	Freq. (MHz)	Reading (dBμV)	Corr. (dB)	Meas. (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Det.	Pol.
1	30.000	49.29	-14.27	35.02	40.00	4.98	PK+	H
2	80.440	46.05	-25.42	20.63	40.00	19.37	PK+	H
3	118.270	53.39	-24.49	28.90	43.50	14.60	PK+	H
4	459.710	42.50	-13.67	28.83	46.00	17.17	PK+	H
5	499.480	40.45	-12.15	28.30	46.00	17.70	PK+	H
6	931.130	31.09	-2.97	28.12	46.00	17.88	PK+	H

Note: [Margin=Limit-Meas.]; [Meas.=Reading+Corr.]

Mode:	Wireless Charging(15W)
Power:	AC 120V/60Hz
TE:	Berny
Date	2024/11/30
T/A/P	22.9°C/51%/101Kpa

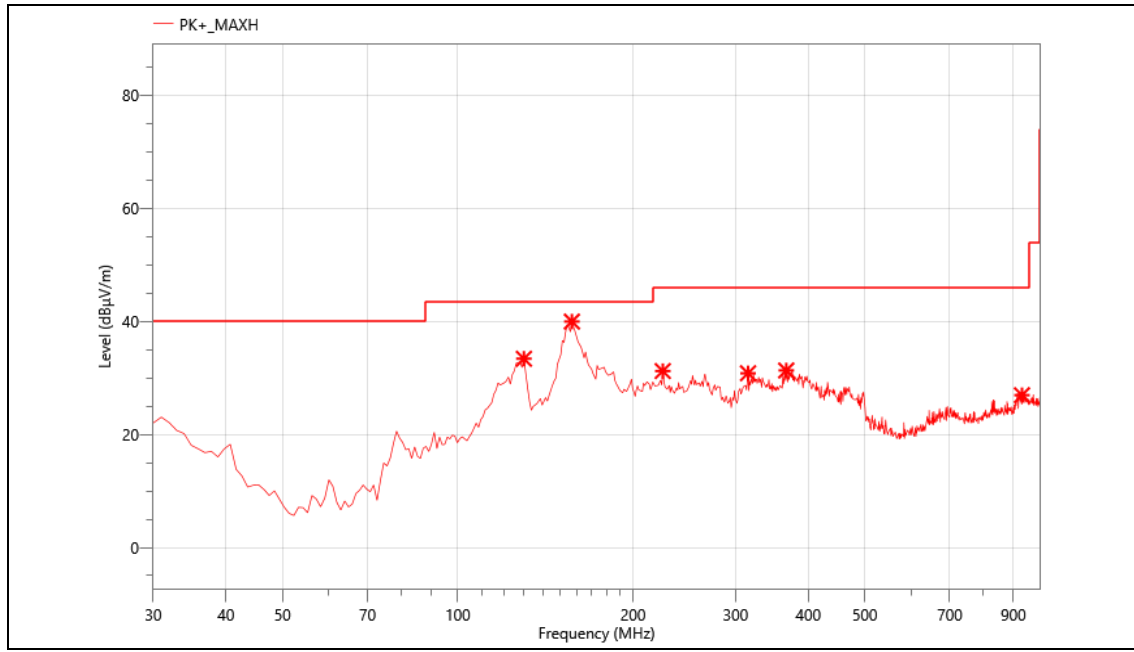


Critical_Freqs

No.	Freq. (MHz)	Reading (dBμV)	Corr. (dB)	Meas. (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Det.	Pol.
1	30.970	48.90	-14.8	34.10	40.00	5.90	PK+	V
2	79.470	54.46	-25.36	29.10	40.00	10.90	PK+	V
3	129.910	58.77	-24.28	34.49	43.50	9.01	PK+	V
4	157.070	58.00	-21.41	36.59	43.50	6.91	PK+	V
5	499.480	38.17	-12.15	26.02	46.00	19.98	PK+	V
6	947.620	31.15	-3.42	27.73	46.00	18.27	PK+	V

Note: [Margin=Limit-Meas.]; [Meas.=Reading+Corr.]

Mode:	Wireless Charging(15W)
Power:	AC 120V/60Hz
TE:	Berny
Date	2024/11/30
T/A/P	22.9°C/51%/101Kpa



Critical_Freqs

No.	Freq. (MHz)	Reading (dBμV)	Corr. (dB)	Meas. (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Det.	Pol.
1	129.910	57.68	-24.28	33.40	43.50	10.10	PK+	H
2	157.070	61.39	-21.41	39.98	43.50	3.52	PK+	H
3	224.970	51.78	-20.56	31.22	46.00	14.78	PK+	H
4	315.180	49.03	-18.2	30.83	46.00	15.17	PK+	H
5	366.590	46.86	-15.54	31.32	46.00	14.68	PK+	H
6	931.130	29.92	-2.97	26.95	46.00	19.05	PK+	H

Note: [Margin=Limit-Meas.]; [Meas.=Reading+Corr.]

7 20db Bandwidth

7.1 20dB Bandwidth Limit

None: for reporting purposed only.

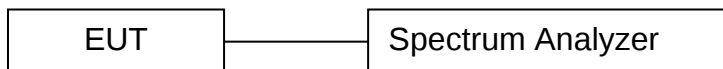
7.2 Test Instruments

Refer a test equipment and calibration data table in this test report.

7.3 Test Procedure

The bandwidth of the fundamental frequency was measured by spectrum analyzer with 1KHz RBW and 3KHz VBW. The 20dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 20dB.

7.4 Test Setup



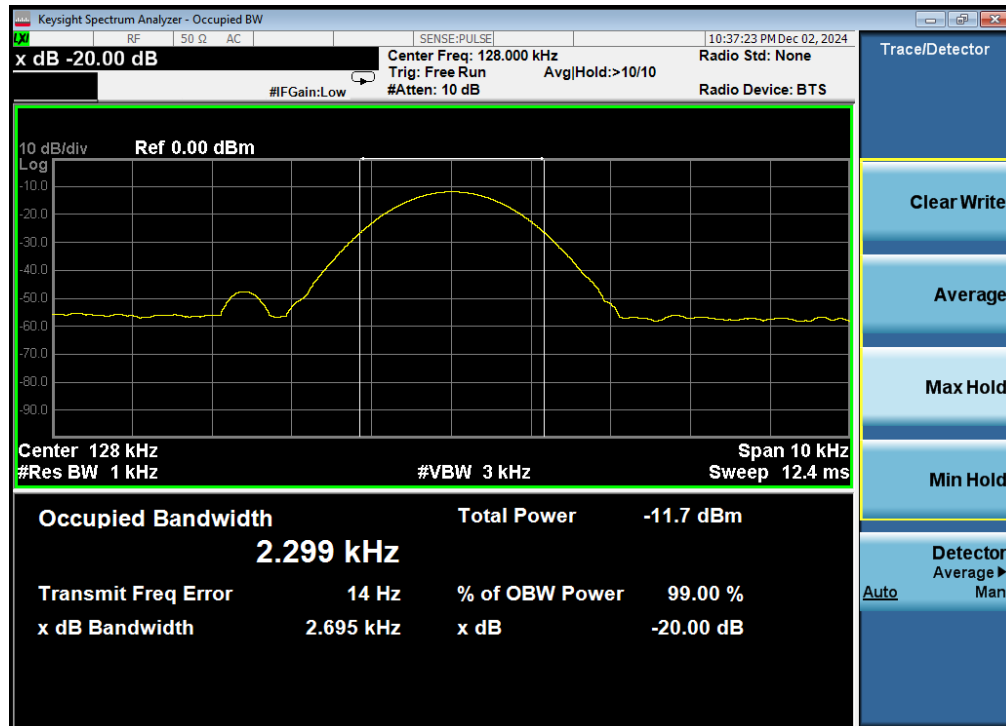
7.5 Test Result

phone charging 5W

Frequency (KHz)	20dB Bandwidth (KHz)	Results
128.0	2.695	PASS

20 dB Bandwidth Test plot

phone charging 5W

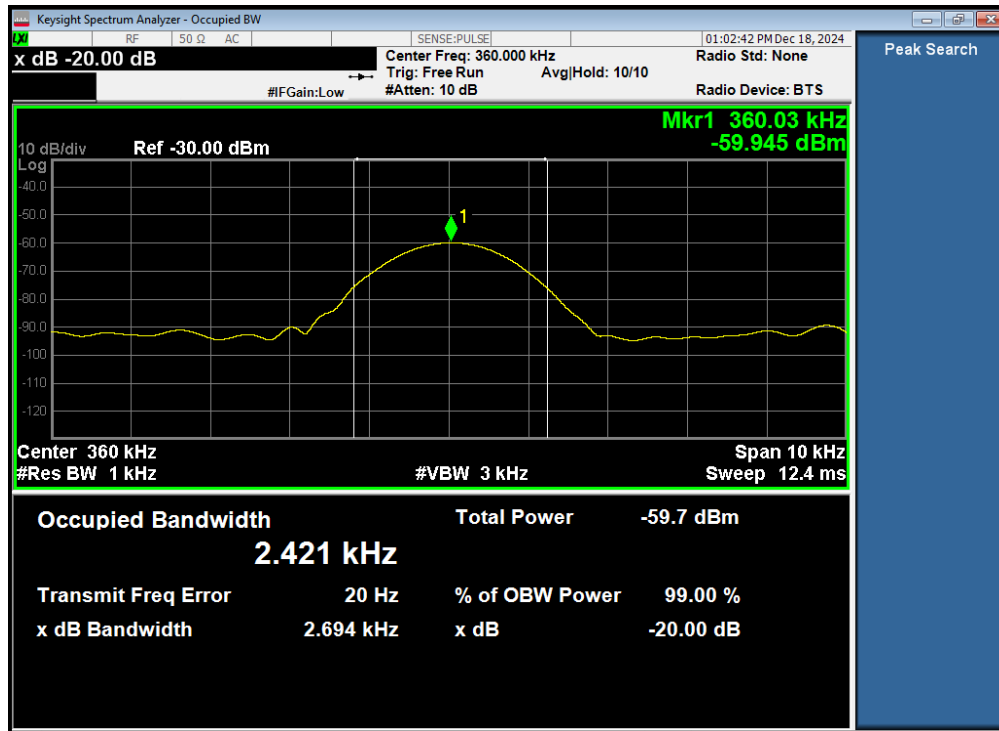


phone charging 15W

Frequency (KHz)	20dB Bandwidth (KHz)	Results
360	2.694	PASS

20 dB Bandwidth Test plot

phone charging 15W



8 Antenna Application

8.1 Antenna requirement

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

8.2 Result

The EUT's antenna, permanent attached antenna, used an Induction coil and integrated on PCB, The antenna's gain meets the requirement.

--- END OF REPORT---